

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

Claims 1-8 (Canceled)

9. (Previously Presented) An endovascular graft for treating vasculature, comprising:
a graft component including a first leg portion and a second leg portion, the first leg portion being attached along its length to the second leg portion, the graft component having an opening and a plurality of structures extending longitudinally beyond the opening, the opening having an opening circumference;
an expandable frame;
an attaching structure that attaches the expandable frame to the graft component by engaging at least one of the plurality of structures extending longitudinally beyond the opening;
and
an anchoring structure that anchors the expandable frame to the lumen wall;
wherein the expandable frame is longitudinally separated from the graft component;
wherein the attaching structure attaches the expandable frame to the graft component at discrete locations on the graft component so that less than an entirety of a graft circumference is affixed to the attaching structure and wherein the opening of the graft component lacks other structure supporting a totality of the opening circumference; and
wherein at least one of the plurality of structures extending beyond the opening is in the form of a tab which is folded over a portion of the attaching structure.

Claim 10 (Canceled)

11. (Previously Presented) The graft of claim 9, wherein the tab is formed as part of the graft component.

12. (Previously Presented) The graft of claim 9, wherein the tab is formed by cutting one of the plurality of structures extending beyond the opening and folding the graft component material back.

Claims 13-14 (Canceled)

15. (Previously Presented) The graft of claim 9 wherein the tab is reinforced by sutures.

Claims 16-28 (Canceled)

29. (Previously Presented) The graft of claim 9, wherein the graft component is bifurcated.

30. (Previously Presented) The graft of claim 9, wherein the expandable frame is self-expanding.

31. (Previously Presented) The graft of claim 9, wherein the anchoring structure comprises a hook or barb.

32. (Previously Presented) The graft of claim 31, wherein the hook or barb is curved.

33. (Previously Presented) The graft of claim 31, wherein the hook or barb is tapered.

34. (Previously Presented) The graft of claim 31, wherein the hook or barb is bidirectional.

35. (Previously Presented) The graft of claim 31, the hook or barb further comprising a tail.

36. (Previously Presented) The graft of claim 31, the hook or barb cut at the edge of a stent strut of the anchoring structure.

37. (Previously Presented) The graft of claim 31, the hook or barb located near the junction of stent struts of the anchoring structure.

38. (Previously Presented) The graft of claim 9, the graft component further comprising reinforcing structures.

39. (Previously Presented) The graft of claim 38, wherein the reinforcing structures are self-expanding.

40. (Previously Presented) The graft of claim 38, wherein a reinforcing structure is in the form of a stent.

41. (Previously Presented) The graft of claim 38, wherein a reinforcing structure is on an exterior of the graft component.

42. (Previously Presented) The graft of claim 38, wherein a reinforcing structure is on an interior of the graft component.

43. (Previously Presented) The graft of claim 42, wherein a reinforcing structure comprises a hook or barb.

44. (Previously Presented) The graft of claim 43, wherein the hook or barb is curved.

45. (Previously Presented) The graft of claim 43, wherein the hook or barb is tapered.

46. (Previously Presented) The graft of claim 43, wherein the hook or barb is bidirectional.

Claim 47 (Canceled)

48. (Previously Presented) The graft of claim 43, the hook or barb cut at the edge of a stent strut of the reinforcing structure.

49. (Previously Presented) The graft of claim 43, the hook or barb located near the junction of stent struts of the reinforcing structure.

Claims 50-55 (Canceled)

56. (Previously Presented) The graft of claim 9, further comprising a plurality of radiopaque markers.

Claims 57-61 (Canceled)

62. (Previously Presented) The graft of claim 9, the expandable frame further including endpoints that are larger than a strut thickness of the expandable frame.

Claims 63-69 (Canceled)

70. (Previously Presented) The graft of claim 9, further comprising a system of variable sized radiopaque markers attached to the graft component.

Claims 71-86 (Canceled)

87. (Previously Presented) The graft of claim 9, further comprising stent structures attached to both an inside surface and an outside surface of the graft component.

88. (Previously Presented) The graft of claim 9, further comprising a plurality of reinforcing structures attached to the graft component, wherein the plurality of reinforcing structures and the expandable frame are each spaced longitudinally so that the reinforcing structures and expandable frame are non-overlapping.

Claims 89-93 (Canceled)